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Jeff Lloyd, Patent Attorney

Patent Application
Docket No. USF-T159XC1
Serial No. 10/089,266

#5
TC
5-14-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner	:	(not yet assigned)
Art Unit	:	2872
Applicant(s)	:	Myung K. Kim
Serial No.	:	10/089,266
Filed	:	March 27, 2002
For	:	Digital Interference Holographic Microscope and Methods

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.56, the references listed on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

Applicant respectfully asserts that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,

Jeff Lloyd
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JL/srp
Enclosures as stated above

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	3

Complete if Known	
Application Number	10/089,266
Filing Date	March 27, 2002
First Named Inventor	Myung K. Kim
Group Art Unit	2872
Examiner Name	(not yet assigned)
Attorney Docket Number	USF-T159XC1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. [1]	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T [2]
	R1	CUCHE, E. *et al.* , Digital holography for quantitative phase-contrast imaging, Optics Letters, March 1, 1999, 291-293, Vol. 24, Issue 5.	
	R2	DAKOFF, A. *et al.*, Microscopic three-dimensional imaging by digital interference holography, Journal of Electric Imaging, October 2003, 1-5, Vol. 12, Issue 4.	
	R3	KARNAUKHOV, V.N. *et al.*, Digital Display Holograms, Optics and Lasers in Engineering, 1998, 361-367, Vol. 29.	
	R4	KIM, M.K., Digital Interference Holography: Development of a New Tomographic Microscopy Instrument, National Science Foundation, August 26, 2002, 1.	
	R5	KIM, M.K., Microscopic Tomography by Digital Interference Holography, SPIE Proceedings, 8 pages, Vol. 5324, No. 18 (not yet published).	
	R6	KIM, M.K., Tomographic three-dimensional imaging of a biological specimen using wavelength-scanning digital interference holography, Optics Express, October 23, 2000, 305-310, Vol. 7, Issue 9.	
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	R8	KREIS, T.M. *et al.*, Methods of Digital Holography: A Comparison, Proc. SPIE, 1997, 224-233, Vol. 3096.	
	R9	KREIS, TM., *et al.*, Digital Holography: Methods and Applications, Proc. SPIE, 1998, 104-115, Vol. 3407.	
	R10	LE CLERC, F.*et al.*, Numerical heterodyne holography with two –dimensional photodetector arrays, Optics Letters, 716-718, Vol. 25, Issue 10.	
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	R12	POON, T.C., *et al.*, Three-dimensional microscopy by optical scanning holography, Optical Engineering, May 1995, 1338-1344, Vol. 34, No. 5.	
	R13	SCHILLING, B.W. *et al.*, Three-dimensional holographic fluorescence microscopy, Optics Letters, October 1, 1997, Vol. 22, No. 19.	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 3

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Filing Date	March 27, 2002
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Group Art Unit	2872
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	R14	SCHNARS, U. *et al.*, Digital holography-a new method of laser metrology, Laser und Optoelektonik, 1994, 40-45, Vol. 26.	
	R15	SEEBACHER, S.,*et al.*, Measuring Shape and Deformation of Small Objects using Digital, Proc. SPIE, July 1998, 104-115, Vol. 3479.	
	R16	TRESTER, S., Computer simulated holography and computer generated holograms, Am. J. Phys., April 1996, 472-478, Vol. 64, No. 4.	
	R17	YANG, H.*et al.*, 3D digital hologram synthesis based on angular spectrum, Proc. SPIE, April 1998, 169-178, Vol. 3389.	
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	R22	BROWN, GORDON C. *et al.*, Holographic microscope for measuring displacements of vibrating microbeams using time-averaged, electro-optic holography, Opt. Eng., May 1998, 1398-1405, Vol. 37, No. 5.	
	R23	HUANG, DAVID *et al.*, Optical Coherence Tomography, Science, New Series, November 22, 1991, 1178-1181, Vol. 254, No. 5035.	
	R24	ISENBERG, G., Modern Optics, Electronics, and High Precision Techniques in Cell Biology, Springer, 1998.	
	R25	ROBB, RICHARD A., Three-Dimensional Biomedical Imaging, John Wiley & Sons, 1997.	
	R26	SCHNARS, ULF *et al.*, Digital recording and numerical reconstruction of holograms: reduction of the spatial frequency spectrum, Opt. Eng., April 1996, 977-982, Vol. 35, No. 4.	

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	R27	SHEPPARD, C.J.R. *et al.*, Confocal Laser Scanning Microscopy, Springer 1997.	
	R28	YAROSLAVSKII, L.P. *et al.*, Methods of Digital Holography, Consultants Bureau, 1980.	
	R29		
	R30		
	R31		
	R32		
	R33		
	R34		
	R35		
	R36		
	R37		
	R38		
	R39		

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